Sanjay Ghodawat University, Kolhapur

2020-21

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EXM/P/09/00

Year and Program: SYBCOM	**School of Commerce and Management**	**Department: SCM**
Course Code: CBC 2092	**Course Title: Aptitude and Reasoning**	**Semester: SEM - III**
Day and Date: Thursday 10/12/2020	**End Semester Examination**	**Time: 11.00 am to 1.00 pm Max Marks : 50**

Instructions – Attempt each question.

(Q. NO. 1 TO 5) Study the following table and answer the questions based on it.

Production of different types of Scooters in a company

Year	Type of Scooters				
	A	B	C	D	E
1992	180	60	84	100	76
1993	210	90	32	80	48
1994	135	30	44	95	85
1995	190	85	69	125	115
1996	260	95	120	80	120
1997	240	140	161	90	185

1. In which of the following pairs of years was the total production of E-type scooter two lakhs?
a) 1993 & 1995

b) 1995 & 1997

c) 1994 & 1997

d) 1992 & 1994

e) None of these

2. In which of the given years the total production of all types of scooters was minimum?

a) 1994

b) 1996

c) 1997

d) 1995

e) None of these

3. In which of the given years was the production of B-type scooter close to its average production over given years?

a) 1995

b) 1994

c) 1993

d) 1992

e) None of these

4. In which year the production of D-type scooters was maximum?

a) 1993

b) 1996

c) 1995

d) 1997

e) 1992

5. What was the average production of A-type scooter in all the years?

a) 202.5

b) 150.5

c) 230

d) 400

e) 105

6. Find out the wrong number in the sequence

102, 101, 98, 93, 86, 74, 66, 53

a) 101

b) 66

c) 74

d) 93

7. Find out the wrong number in the sequence

1, 10, 9, 16, 25, 26, 49

a) 1
b) 16
c) 26
d) 9
e) 49

8. Look at this series: 1.5, 2.3, 3.1, 3.9... What number should come next?

a) 4.2

b) 4.4

c) 4.7

d) 5.1

9. $4\frac{3}{10} + 2\frac{5}{3} - 5\frac{7}{8} = ?$

a) $2\frac{111}{120}$

b) $2\frac{133}{115}$

c) $1\frac{119}{120}$

d) $2\frac{11}{120}$

10. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

a) Rs. 375

b) Rs. 400

c) Rs. 600

d) Rs. 800

11. A train can travel 50% faster than a car. Both start from point A at the same time and reach point B 75 kms away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is:

a) 100 kmph

b) 110 kmph

c) 120 kmph

d) 130 kmph

12. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

a) Rs. 650

b) Rs. 690

c) Rs. 698

d) Rs. 700

13. At what rate of compound interest per annum will a sum of Rs. 1200 become Rs. 1348.32 in 2 years?

a) 6%

b) 6.5%

c) 7%

d) 7.5%

14. Which one of the following numbers is exactly divisible by 11?

a)235641

b)245642

c)315624

d)415624

15. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

a) Brother

b) Nephew

c) Uncle

d) Son-in-law

16. Which of the following diagrams indicates the best relation between Women, Mothers and Engineers?

a) 

b) 

c) 

d) 

17. In certain code 'TIGER' is written as 'QDFHS'. How is 'FISH' written in that code?

a) GERH

b) GRHE

c) GREH

d) GHRE

e) GEHR

18. How many times are the hands of a clock at right angle in a day?

a) 22

b) 24

c) 44

d) 48

19. At what time, in minutes, between 3 o'clock and 4 o'clock, both the needles will coincide each other?

a) $5\frac{1}{11}$ "

b) $12\frac{4}{11}$ "

c) $13\frac{4}{11}$ "

d) $16\frac{4}{11}$"

20. What was the day of the week on 28th May, 2006?

a) Thursday

b) Friday

c) Saturday

d) Sunday

21. Choose the alternative which is closely resembles the mirror image of the given combination.

EFFECTIVE

(1) ƎVITƆƎꟻꟻƎ (2) EVITCEFFE

(3) ƎꟻꟻƎƆTIVƎ (4) ƎVITƆƎFꟻƎ

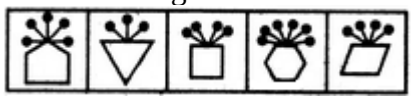
a) 1

b) 2

c) 3

d) 4

22. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

a) 1

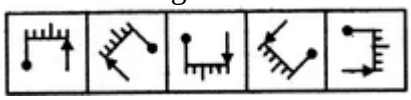
b) 2

c) 3

d) 4

e) 5

23. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

a) 1

b) 2

c) 3

d) 4

e) 5

24. Find the odd man out

16,25,36,72,144,196,225

a) 36

b) 72

c) 196

d) 225

25. ZA_5, Y_4B, XC_6, W_3D, _____

a) E_7V

b) V_2E

c) VE_5

d) VE_7